

Thorne Bay  
Unit 8-1 (Southern half of unit only)  
15 September 1978

Stream #A (Refer to map for detailed description)

Stream #A is main body of stream system. Streams 1, 2, 3, 4, & 5 are all tributaries to stream A. Stream is 8 to 12 feet wide and 2 to 3 feet deep with pools of 3 to 5 feet deep. Gravel and rock substrate with a gradient of less than 5%.

Excellent Coho rearing habitat up to debris barrier indicated on map with probable Coho spawning habitat in this area. Above debris barrier was excellent resident fish habitat. 3 Dolly Varden & 1 Cutthroat were shocked above road while 9 Dolly Varden were trapped above debris barrier and below road. 3 Coho were shocked below the debris jam while 1 Dolly Varden and 1 Cutthroat were trapped below the debris barrier.

Tagged and flagged Blue & White from lower unit boundary to the debris barrier. Flagged Orange & White from debris barrier to upper unit boundary. Large scale debris, slash, and fallen log cleanup project should be implemented as quickly as possible. Some action should be taken to access any damage incurred by stream banks due to

Stream #1A Stream is 4 ft. wide and 4-6 in. deep with nice pools. Sand and small gravel substrate with a good flow and less than a 5% gradient.

The habitat appeared to be in good to excellent condition. 200 ft. into the unit is a natural 5 ft. vertical falls, above which no fish were shocked.

A 3½ in. Dolly Varden and a 3 in. Cutthroat were shocked between unit boundary and falls. Good to excellent resident fish habitat.

Tagged and Flagged Orange & White 200 ft. into unit to 5' barrier falls. No cleanup necessary.

Stream #1B Stream is 4 ft. wide and 4-6 in. deep. Sand and gravel substrate with less than a 5% gradient. There is excellent Coho habitat approximately 50 ft. into the unit where a 5 ft. series of falls presents a barrier. Excellent resident fish habitat next 200 ft. above falls.

2 Coho were shocked below the falls within the unit. 2 Dolly Varden and 1 Cutthroat shocked.

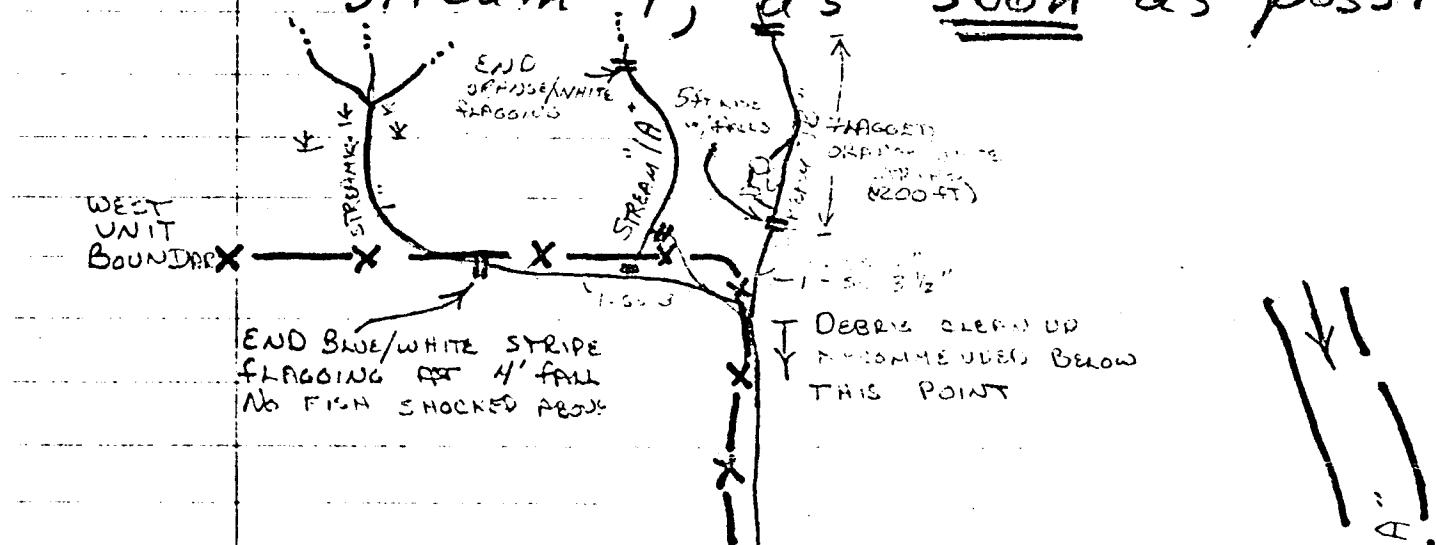
Tagged & Flagged Blue & White 50 ft. into unit up to small series of falls. The next

flagged resident fish habitat.

Stream #1 Stream is 3 feet wide and 4 to 6 in. deep with a sand & gravel substrat providing excellent habitat. The stream meanders parallel to the unit boundary and below it. Streams #1A and #1B are tributaries to Stream #1. The stream flows into the unit for approximately 400 ft. until it joins the main Stream A.

2 Coho, 1 Dolly Varden, and 1 Cutthroat were shocked below the unit boundary. 4 Coho were shocked within the unit. Excellent Coho rearing habitat within unit and beneath the unit until a 4 ft. falls presents a barrier. All Coho habitat was tagged and flagged blue and white.

Note: Recommend slash and debris cleanup for the 400 ft. of flagged habitat within the unit, just below where stream #1B intersects Stream #1, as soon as possible.



Stream #2 Stream is 3 ft. wide and 4 to 6 in. deep with pools of 6 to 8 in. deep. Silt and sand substrate provide good Coho rearing habitat. A 6 ft. falls and a gradient of 20% act as a barrier to Coho fry approximately 50 ft. below "G" spur.

3 Coho of 3½ to 4 in. were shocked within the unit. A great deal of slash and fallen logs in stream. Tagged and flagged Blue & White from where it joins Stream #A to the 6 ft. barrier falls below "G" spur. Recommend major slash and log cleanup as soon as possible.

(Refer to map for greater detail.)

Stream #3 Stream forms an oxbow which splits from the main Stream #A above "G" spur. Stream is 6 to 8 ft. wide and 6 to 8 in. deep. Sand and gravel substrate with 5 ft. gravel banks and a good flow. Excellent Coho rearing habitat.

Coho, Dolly Varden, and Cutthroat were all shocked in this oxbow. Very heavy slash and fallen logs present a barrier to Coho fry. The "G" spur culvert is not fish passing! Tagged and flagged Blue & White from lower joint with Stream #A to barrier presented a

Recommend major cleanup of slash and fallen logs in streambed as soon as possible.  
(Refer to map for further detail.)

Stream #4 Stream is 3-4' ft. wide and 6 to 8 in. deep. Sand and silt substrate forming a slough, possibly a former log track. Habitat in good condition with some slash.

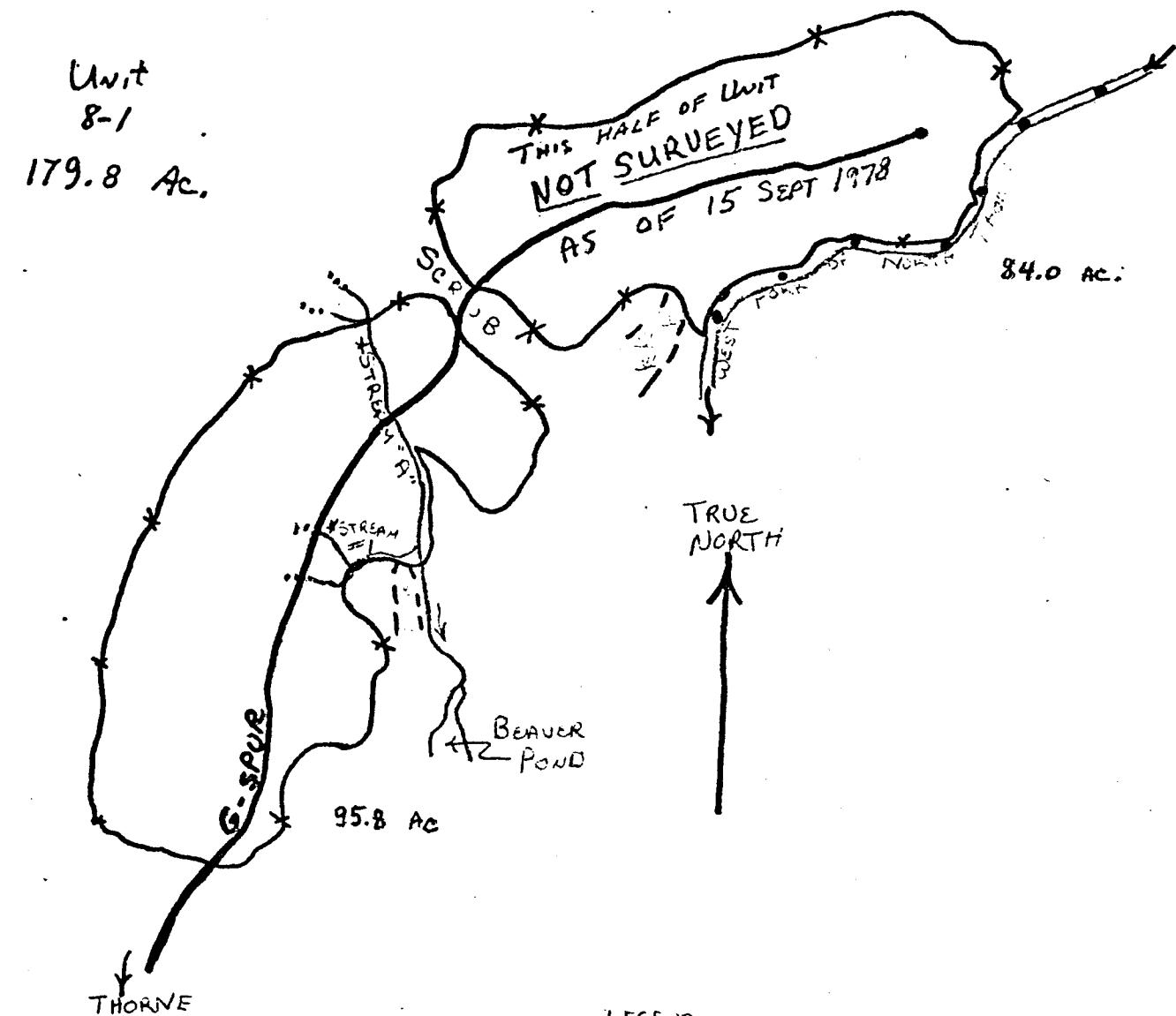
2 Coho were shocked in slough. On original observation it provided excellent Coho rearing habitat. However during high water it acts as an overflow channel for Stream #4. Tagged and flagged Blue and White from Stream #A for 150 ft. No cleanup necessary.

(Refer to map for further detail.).

Stream #5 Stream forms an oxbow with Stream #A. Stream is 4 ft. wide and 4 to 6 in. deep with sand and gravel substrate. Good flow. Oxbow formed by large debris barrier in main Stream #A.

3 Dolly Varden and 3 Cutthroat shocked in oxbow. Good to excellent resident fish habitat. Tagged and flagged Orange & White its entire length. No cleanup necessary.

Unit  
8-1  
179.8 Ac.



LEGEND

SCALE: 1" = 400 FT.  
APPROVED UNIT BOUNDARY   
SPECIFIED ROADS   
PROTECTED STREAMS   
\*STREAMS "A" & 1 - SEE STREAM MAPS FOR DETAILS

- UNIT BOUNDARY LINES  
COPIED FROM UNIT RELEASE MAP